



RAW SEQUENCE LISTING ERROR REPORT

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Application Serial Number: 10/840,139
Source: IFW
Date Processed by STIC: 5/13/04

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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

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TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

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1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
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Revised 10/08/03



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/840,139

DATE: 05/13/2004

TIME: 12:36:49

Input Set : A:\IRF6.ST25.txt

Output Set: N:\CRF4\05132004\J840139.raw

3 <110> APPLICANT: Schutte, Brian C.
 4 Murray, Jeffrey C.
 5 Kondo, Shinji
 6 Dixon, Michael J.
 8 <120> TITLE OF INVENTION: IRF6 POLYMORPHISMS ASSOCIATED WITH CLEFT LIP AND/OR PALATE
 10 <130> FILE REFERENCE: P06215US01
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/840,139
 13 <141> CURRENT FILING DATE: 2004-05-06
 15 <150> PRIOR APPLICATION NUMBER: US 60/468,191
 16 <151> PRIOR FILING DATE: 2003-05-06
 18 <160> NUMBER OF SEQ ID NOS: 3
 20 <170> SOFTWARE: PatentIn version 3.2
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 2171
 24 <212> TYPE: DNA
 25 <213> ORGANISM: Homo sapiens
 28 <220> FEATURE:
 29 <221> NAME/KEY: variation
 30 <222> LOCATION: (3)..(3) *OK*
 31 <223> OTHER INFORMATION: G to A (exon 3)
 33 <220> FEATURE:
 34 <221> NAME/KEY: variation
 35 <222> LOCATION: (5)..(5)
 36 <223> OTHER INFORMATION: C to T (exon 3) ? "T" is shown at location 5, not "C"
 38 <220> FEATURE: *Isn't "T" the variant?*
 39 <221> NAME/KEY: variation
 40 <222> LOCATION: (17)..(17)
 41 <223> OTHER INFORMATION: 17ins(C) (exon 3)
 43 <220> FEATURE:
 44 <221> NAME/KEY: variation
 45 <222> LOCATION: (48)..(48)
 46 <223> OTHER INFORMATION: A to T (exon 2) "g" is at location 48
 48 <220> FEATURE:
 49 <221> NAME/KEY: variation
 50 <222> LOCATION: (49)..(49)
 51 <223> OTHER INFORMATION: 49del (CAGGTGGATAGTGGCC (exon 3)
 53 <220> FEATURE:
 54 <221> NAME/KEY: variation
 55 <222> LOCATION: (52)..(52)
 56 <223> OTHER INFORMATION: G to A (exon 3) "a" is shown at location 52, not "g"
 58 <220> FEATURE:
 59 <221> NAME/KEY: variation
 60 <222> LOCATION: (53)..(53)

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61 <223> OTHER INFORMATION: T to C (exon 3) *"g" is at 53*

63 <220> FEATURE:

64 <221> NAME/KEY: variation

65 <222> LOCATION: (69)..(69)

66 <223> OTHER INFORMATION: C to A (exon 3) *"a" is shown at 69*

68 <220> FEATURE:

69 <221> NAME/KEY: variation

70 <222> LOCATION: (115)..(115)

71 <223> OTHER INFORMATION: C to G (exon 3) *"g" is shown at 115*

73 <220> FEATURE:

74 <221> NAME/KEY: variation

75 <222> LOCATION: (178)..(178)

76 <223> OTHER INFORMATION: T to G (exon 4) *"a" is at 178*

78 <220> FEATURE:

79 <221> NAME/KEY: variation

80 <222> LOCATION: (182)..(182)

81 <223> OTHER INFORMATION: C to G (exon 4) *"a" is at 182*

83 <220> FEATURE:

84 <221> NAME/KEY: variation

85 <222> LOCATION: (197)..(197) *OK*

86 <223> OTHER INFORMATION: A to C (exon 4)

88 <220> FEATURE:

89 <221> NAME/KEY: variation

90 <222> LOCATION: (202)..(202)

91 <223> OTHER INFORMATION: C to T (exon 4) *"t" is at 202*

93 <220> FEATURE:

94 <221> NAME/KEY: variation

95 <222> LOCATION: (208)..(208) *OK*

96 <223> OTHER INFORMATION: G to C (exon 4)

98 <220> FEATURE:

99 <221> NAME/KEY: variation

100 <222> LOCATION: (226)..(226)

101 <223> OTHER INFORMATION: C to T (exon 4) *"t" is at 226*

103 <220> FEATURE:

104 <221> NAME/KEY: variation

105 <222> LOCATION: (244)..(244)

106 <223> OTHER INFORMATION: C to A (exon 4) *"a" is at 244*

108 <220> FEATURE:

109 <221> NAME/KEY: variation

110 <222> LOCATION: (250)..(250)

111 <223> OTHER INFORMATION: C to T (exon 4) *"t" is at 250*

113 <220> FEATURE:

114 <221> NAME/KEY: variation

115 <222> LOCATION: (251)..(251) *OK*

116 <223> OTHER INFORMATION: G to A (exon 4)

118 <220> FEATURE:

119 <221> NAME/KEY: variation

120 <222> LOCATION: (262)..(262)

121 <223> OTHER INFORMATION: A to C (exon 4) *"t" is at 262*

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123 <220> FEATURE:
 124 <221> NAME/KEY: variation
 125 <222> LOCATION: (265)..(265) *"f" is at 265*
 126 <223> OTHER INFORMATION: A to G (exon 4)
 128 <220> FEATURE:
 129 <221> NAME/KEY: variation
 130 <222> LOCATION: (268)..(268)
 131 <223> OTHER INFORMATION: A to G (exon 4) *"c" is at 268*
 133 <220> FEATURE:
 134 <221> NAME/KEY: variation
 135 <222> LOCATION: (274)..(274)
 136 <223> OTHER INFORMATION: G to T (exon 4) *"a" is at 274*
 138 <220> FEATURE:
 139 <221> NAME/KEY: variation
 140 <222> LOCATION: (292)..(292)
 141 <223> OTHER INFORMATION: G to C (exon 4) *"f" is at 292*
 143 <220> FEATURE:
 144 <221> NAME/KEY: variation
 145 <222> LOCATION: (352)..(352)
 146 <223> OTHER INFORMATION: C to T (exon 4) *"a" is at 352*
 148 <220> FEATURE:
 149 <221> NAME/KEY: variation
 150 <222> LOCATION: (466)..(466)
 151 <223> OTHER INFORMATION: 466ins(C) (exon 5)
 153 <220> FEATURE:
 154 <221> NAME/KEY: variation
 155 <222> LOCATION: (558)..(558)
 156 <223> OTHER INFORMATION: C to A (exon 6) *"g" is at 558*
 158 <220> FEATURE:
 159 <221> NAME/KEY: variation
 160 <222> LOCATION: (576)..(576)
 161 <223> OTHER INFORMATION: G to A (exon 6) *"a" is at 576*
 163 <220> FEATURE:
 164 <221> NAME/KEY: variation
 165 <222> LOCATION: (634)..(634)
 166 <223> OTHER INFORMATION: 634ins(CCAC) (exon 6)
 168 <220> FEATURE:
 169 <221> NAME/KEY: variation
 170 <222> LOCATION: (657)..(657)
 171 <223> OTHER INFORMATION: 657del(CTCTCTCCC)ins(TA) (exon 6)
 173 <220> FEATURE:
 174 <221> NAME/KEY: variation
 175 <222> LOCATION: (744)..(744)
 176 <223> OTHER INFORMATION: 744del(CTGCC) (exon 7)
 178 <220> FEATURE:
 179 <221> NAME/KEY: variation
 180 <222> LOCATION: (749)..(749)
 181 <223> OTHER INFORMATION: G to A (exon 7) *"c" is at 749*
 183 <220> FEATURE:

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184 <221> NAME/KEY: variation
 185 <222> LOCATION: (759)..(759) *"C" is at 759*
 186 <223> OTHER INFORMATION: T to A (exon 7)
 188 <220> FEATURE:
 189 <221> NAME/KEY: variation
 190 <222> LOCATION: (795)..(795)
 191 <223> OTHER INFORMATION: 795del(C) (exon 7)
 193 <220> FEATURE:
 194 <221> NAME/KEY: variation
 195 <222> LOCATION: (818)..(818)
 196 <223> OTHER INFORMATION: A to G (exon 7) *"C" is at 818*
 198 <220> FEATURE:
 199 <221> NAME/KEY: variation
 200 <222> LOCATION: (842)..(842)
 201 <223> OTHER INFORMATION: 842del(A) (exon 7)
 203 <220> FEATURE:
 204 <221> NAME/KEY: variation
 205 <222> LOCATION: (870)..(870)
 206 <223> OTHER INFORMATION: 870del(CACTAGCAAGCTGCTGGAC)lns(A) (exon 7)
 208 <220> FEATURE:
 209 <221> NAME/KEY: variation
 210 <222> LOCATION: (881)..(881) *OK*
 211 <223> OTHER INFORMATION: T to C (exon 7)
 213 <220> FEATURE:
 214 <221> NAME/KEY: variation
 215 <222> LOCATION: (889)..(889)
 216 <223> OTHER INFORMATION: G to A (exon 7) *"C" is at 889*
 218 <220> FEATURE:
 219 <221> NAME/KEY: variation
 220 <222> LOCATION: (958)..(958) *OK*
 221 <223> OTHER INFORMATION: A to G (exon 7)
 223 <220> FEATURE:
 224 <221> NAME/KEY: variation
 225 <222> LOCATION: (961)..(961) *OK*
 226 <223> OTHER INFORMATION: G to A (exon 7)
 228 <220> FEATURE:
 229 <221> NAME/KEY: variation
 230 <222> LOCATION: (974)..(974)
 231 <223> OTHER INFORMATION: G to A (exon 7) *"C" is at 974*
 233 <220> FEATURE:
 234 <221> NAME/KEY: variation
 235 <222> LOCATION: (1034)..(1034) *OK*
 236 <223> OTHER INFORMATION: T to C (exon 7)
 238 <220> FEATURE:
 239 <221> NAME/KEY: variation
 240 <222> LOCATION: (1040)..(1040) *OK*
 241 <223> OTHER INFORMATION: G to T (exon 7)
 243 <220> FEATURE:
 244 <221> NAME/KEY: variation

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245 <222> LOCATION: (1106)..(1106) *OK*
 246 <223> OTHER INFORMATION: T to C (exon 8)
 248 <220> FEATURE:
 249 <221> NAME/KEY: variation
 250 <222> LOCATION: (1122)..(1122) *OK*
 251 <223> OTHER INFORMATION: C to G (exon 8)
 253 <220> FEATURE:
 254 <221> NAME/KEY: variation
 255 <222> LOCATION: (1162)..(1162)
 256 <223> OTHER INFORMATION: A to G (exon 8) *"g is at 1162"*
 258 <220> FEATURE:
 259 <221> NAME/KEY: variation
 260 <222> LOCATION: (1177)..(1177)
 261 <223> OTHER INFORMATION: C to T (exon 8) *"a is at 1177"*
 263 <220> FEATURE:
 264 <221> NAME/KEY: variation
 265 <222> LOCATION: (1234)..(1234) *OK*
 266 <223> OTHER INFORMATION: C to T (exon 9)
 268 <220> FEATURE:
 269 <221> NAME/KEY: variation
 270 <222> LOCATION: (1288)..(1288)
 271 <223> OTHER INFORMATION: G to A (exon 9) *"a is at 1288"*
 273 <220> FEATURE:
 274 <221> NAME/KEY: variation
 275 <222> LOCATION: (1381)..(1381)
 276 <223> OTHER INFORMATION: 1381ins(C) (exon 9)
 278 <400> SEQUENCE: 1
 279 gagctcggcg cacctgggct gggcaggtaa gggctggtgc gggacgggpa gaggaacctg 60
 281 cagtcacctac ttgggtagag ccaggcgccc cttggctaag acgtcgagga gcgtggttagc 120
 283 gacgggtgat cttcgctgcg gacttggttc ggagggacgt ccgcttcttg tggacagatt 180
 285 gagcaaagaa tctttgagcg gtcaagggaag agacaagccg actcttcaga tccctgtgga 240
 287 cacactgctt gctcttccat accatgggcc tccgcccccg cagagtccgg cttaaagccct 300
 289 ggctggtggc ccaggtggat agtggcctct accctgggct catctggcta cacagggact 360
 291 ctaaacgctt ccagattccc tggaaacatg ccaccgggca tagccctcaa caagaagagg 420
 293 aaaataccat ttttaaggcc tgggctgtag agacagggaa gtaccaggaa ggggtggatg 480
 295 accctgacct agctaaatgg aaggcccagc tgcgctgtgc tctcaataag agcagagaat 540
 297 tcaacctgat gtatgatgac accaaggagg tgcccatgaa ccagtgaaag atatatcaag 600
 299 tgtgtgacat cctcagccc cagggtctga tcattaaccc aggatccaca gggctctgctc 660
 301 cctgggatga gaaggataat gatgtggatg aagaagatga ggaagatgag ctggatcagt 720
 303 cgcagacca tgttcccatc caggacaact tccccttctt gaacatcaat ggttctccca 780
 305 tggcgccagc cagtgtgggc aattgcagtg tgggcaactg cagcccggag gcagtgtggc 840
 307 caaaaactga acccctggag atggaagtac cccaggaacc tatacagccc ttctatagct 900
 309 ctccagaact gtggatcagc tctctcccaa tgactgacct ggacatcaag tttcagtacc 960
 311 gtgggaagga gtaaggcgag accatgaccg tgagcaaccc tcagggctgc cgactcttct 1020
 313 atggggacct ggggcccatg cctgaccagg aggagctctt tgggtccgctc agcctggagc 1080
 315 aggtcaaat cccaggctct gagcatatta ccaatgagaa gcagaagctg ttcactagca 1140
 317 agctgctgga cgtcatggac agaggactga tcttggaggt cagcggctcat gccatttatg 1200
 319 ccatcaggct gtgccagtg aagggtgtact ggtctgggcc atgtgcccc tcaattgttg 1260
 321 ctcccaacct gattgagaga caaaagaagg tcaagctatt ttgtctggaa acattcctta 1320

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/840,139

DATE: 05/13/2004

TIME: 12:36:50

Input Set : A:\IRF6.ST25.txt

Output Set: N:\CRF4\05132004\J840139.raw

L:12 M:270 C: Current Application Number differs, Wrong Format